

XUE Yongchao

Ph.D., Associate Professor

Email: xyc75@cup.edu.cn TEL: +86-10-89733218 Fax: +86-10-89733218

Address of Office: Room 711 in the Zhongyou Building, Department of Petroleum Engineering, 18 Fuxue Road, Changping District, Beijing 102249, China

Education

Ph.D., Petroleum Engineering, China University of Petroleum (China), 2004

M.S., Mechanical Engineering, Northeast Petroleum University, 2001

B.S., Petroleum Engineering, Northeast Petroleum University, 1994

Research Areas and Interests

Stochastic modeling

Geostatistics

Modeling Uncertainty

Reservoir Characterization

Teaching

Oil and gas field development foundation

Reservoir engineering

Reservoir geology

Professional Experiences

2004-2015, Lecturer, Department of Petroleum Engineering, China University of Petroleum-Beijing, China

2010-2011, Visiting Scholar, Department of Petroleum Engineering, Texas A&M University, USA

2015-present, Assistant Professor, Department of Petroleum Engineering, China University of Petroleum-Beijing, China

Other Appointments

Other Professional Affiliations

Honors and Awards

“The new theory and application of heavy oil multi-medium thermal development” , the second prize of Science and Technology progress of Ministry of Education, 2017.

"Non-linear seepage and development technology of ultra-low permeability reservoirs", the first prize of science and technology progress of China Petroleum and Chemical Industry Association, 2010

" Advanced Mechanics of Fluids in Porous Media" course system construction, the first prize of the eighth excellent teaching achievements of China University of Petroleum (Beijing), 2012

Selected Publications

1. Probabilistic performance Forecasting in History Matching of Low Permeability Reservoirs. SPE-188100-MS, 2017
2. Two Productivity Models for Fractured Horizontal Wells in Different Shale Gas Reservoirs. China Shale Gas, 2015, 9
3. A new fracture prediction method by combining genetic algorithm with neural network in Low Permeability Reservoirs, J. Petrol. Sci. Eng. 2014
4. The Influence of Interlayer of Bottom Water Reservoirs During Development Stage, Petroleum Science and Technology, 2013
5. Experimental comparison study of stress sensitivity at different levels of permeability core, Advanced Materials Reserarch,2012
6. Study of permeability variation with confining pressure in micro-fracture and low-permeability rock, International Symposium on Multi-field Coupling Theory of Rock and Soil Media and Its Applications, 2010